

## CLAIMS

1. A liposome containing a hydrophobic chelate compound as a membrane component.
2. The liposome according to Claim 1, wherein the hydrophobic chelate compound has at least one substituent having 10 or more carbon atoms.
3. The liposome according to Claim 2, which contains a phosphatidylcholine and a phosphatidylserine as membrane components.
4. The liposome according to Claim 3, wherein molar ratio of the phosphatidylcholine and the phosphatidylserine is from 3:1 to 1:2.
5. An MRI contrast medium, which comprises a liposome according to any one of Claims 1 to 3.
6. The MRI contrast medium according to Claim 5, which is used for imaging of a tissue or lesion where macrophages localize.
7. The MRI contrast medium according to Claim 6, wherein the tissue where macrophages localize is selected from the group consisting of tissues of liver, spleen, air vesicle, lymph node, lymph vessel, and renal epithelium.
8. The MRI contrast medium according to Claim 6, wherein the pathological site where macrophages localize is selected from the group consisting of lesions of tumor, inflammation, and infection.